

FIG. 1A

Determine the number of Occurrences of each attribute name on an element type

20



Examine the attribute values for each occurrence of each attribute name on the same element type to determine the attribute type

22



Determine if the attribute name occurs in association with the same attribute value on more than one element type

24



Examine attribute values for each occurrence of an attribute type in all of the source documents

26



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Establish an enumeration
or a restricted range
appropriate to the attribute
type
```

28

FIG. 1B

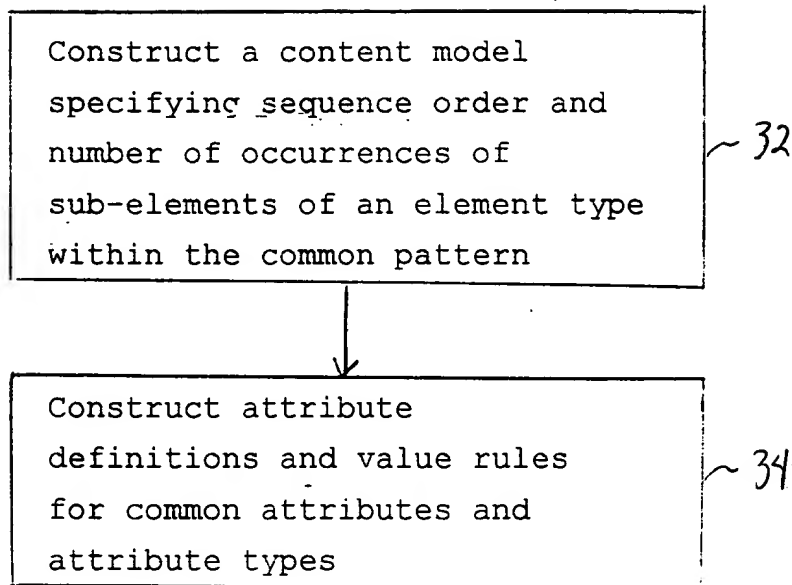


FIG. 1C

Doc 54a 56a 60a 62a 62b 64a 62c 62d 56b 60b 62e 62f 58

50

52

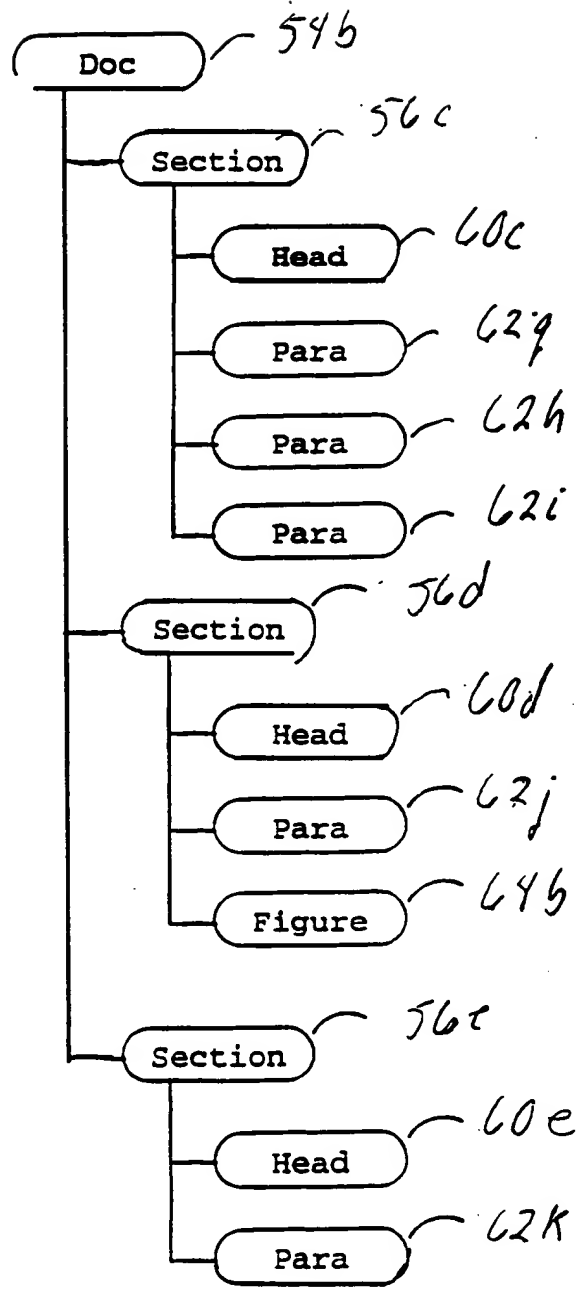
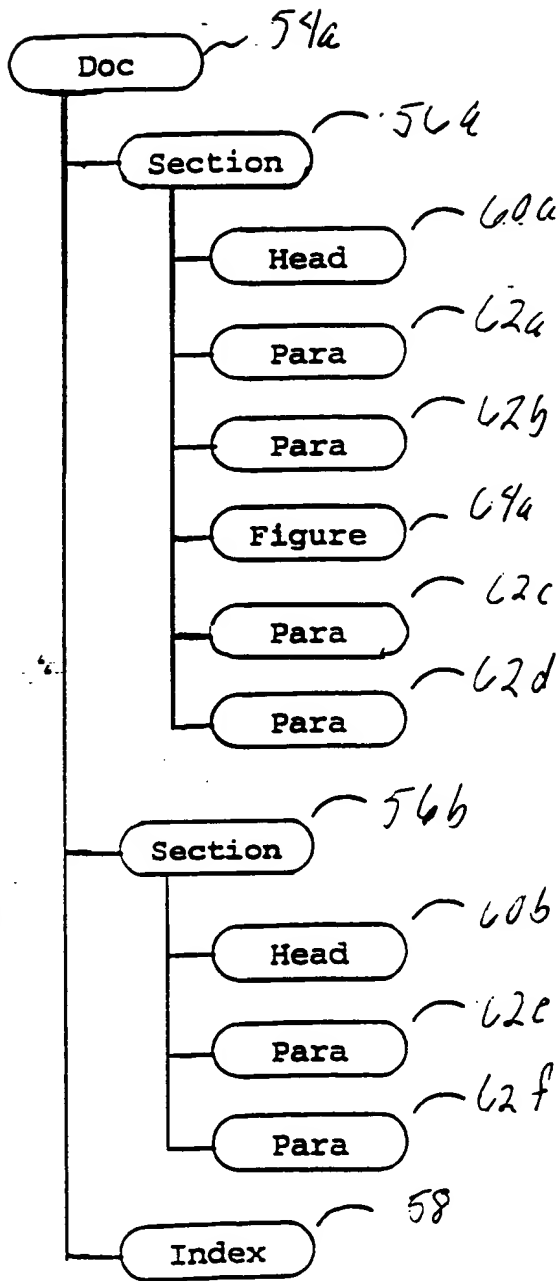


FIG. 2

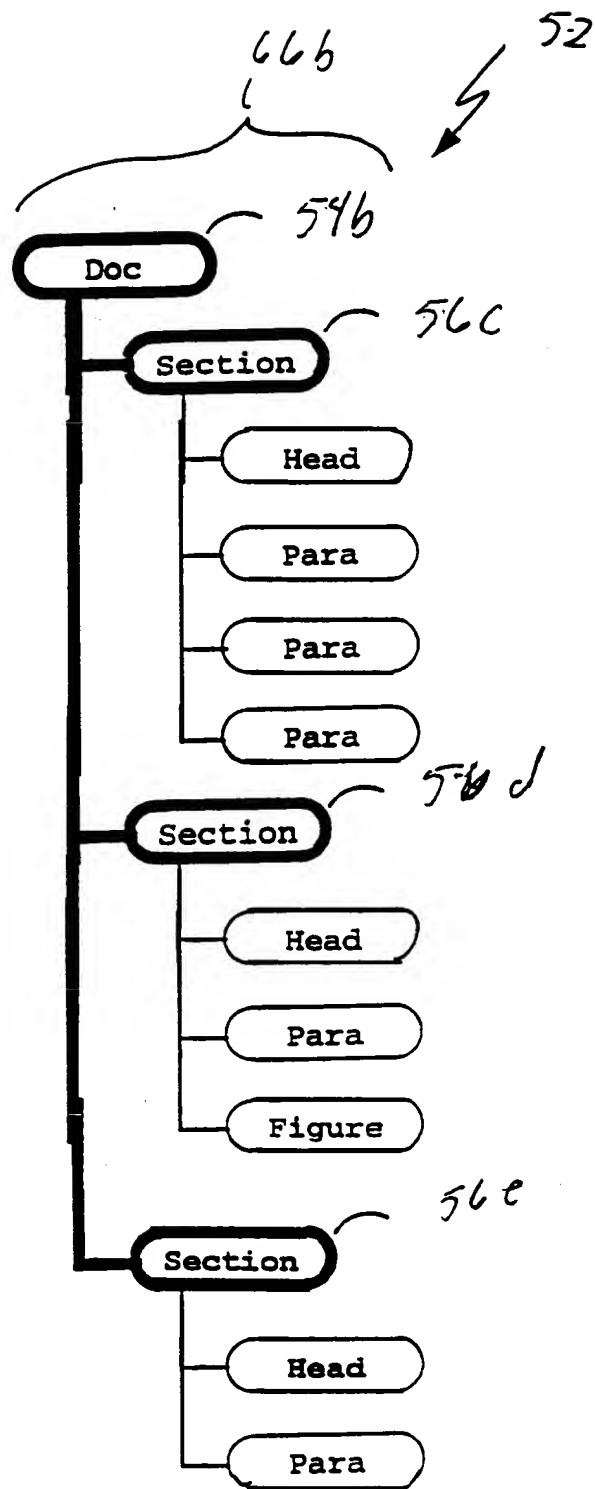
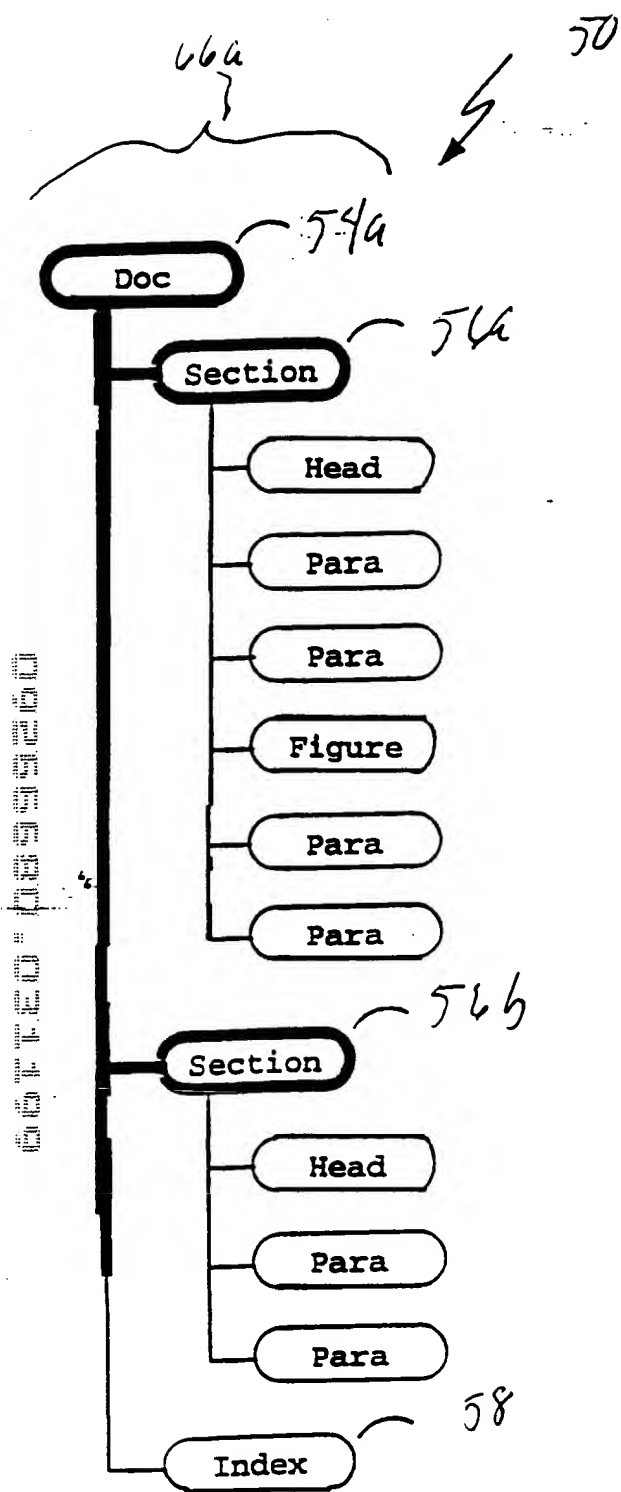


FIG. 3

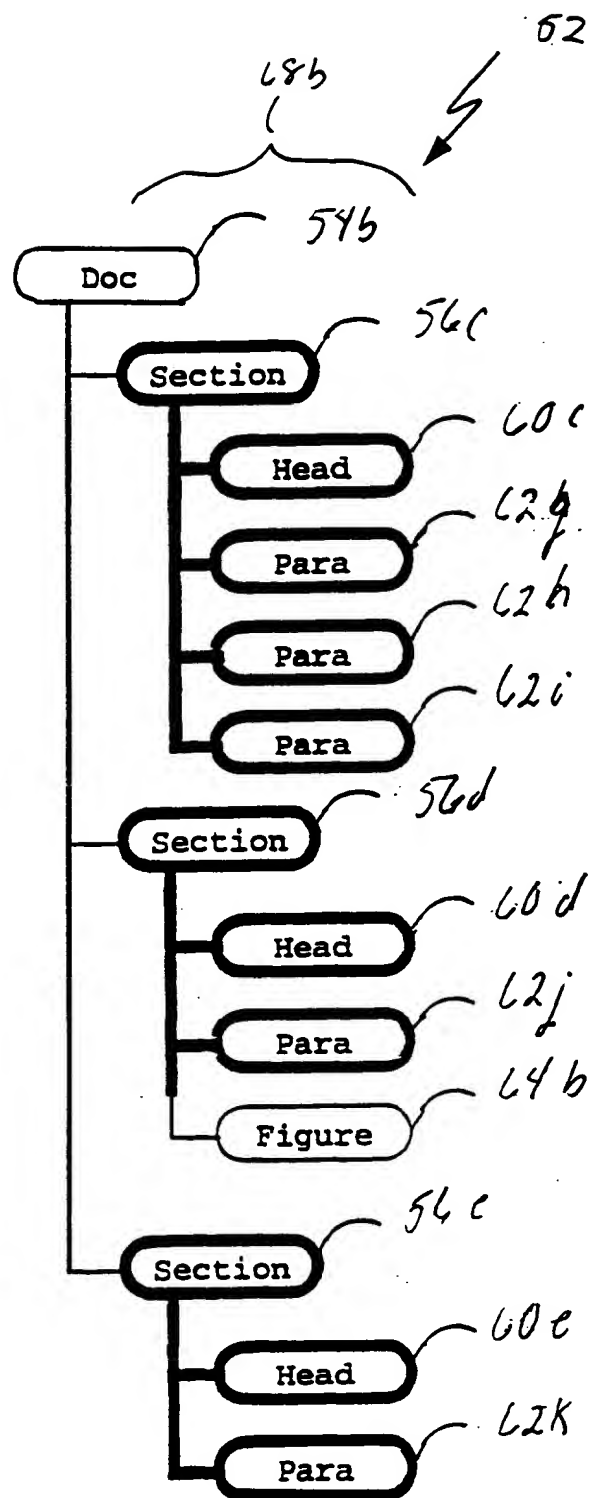
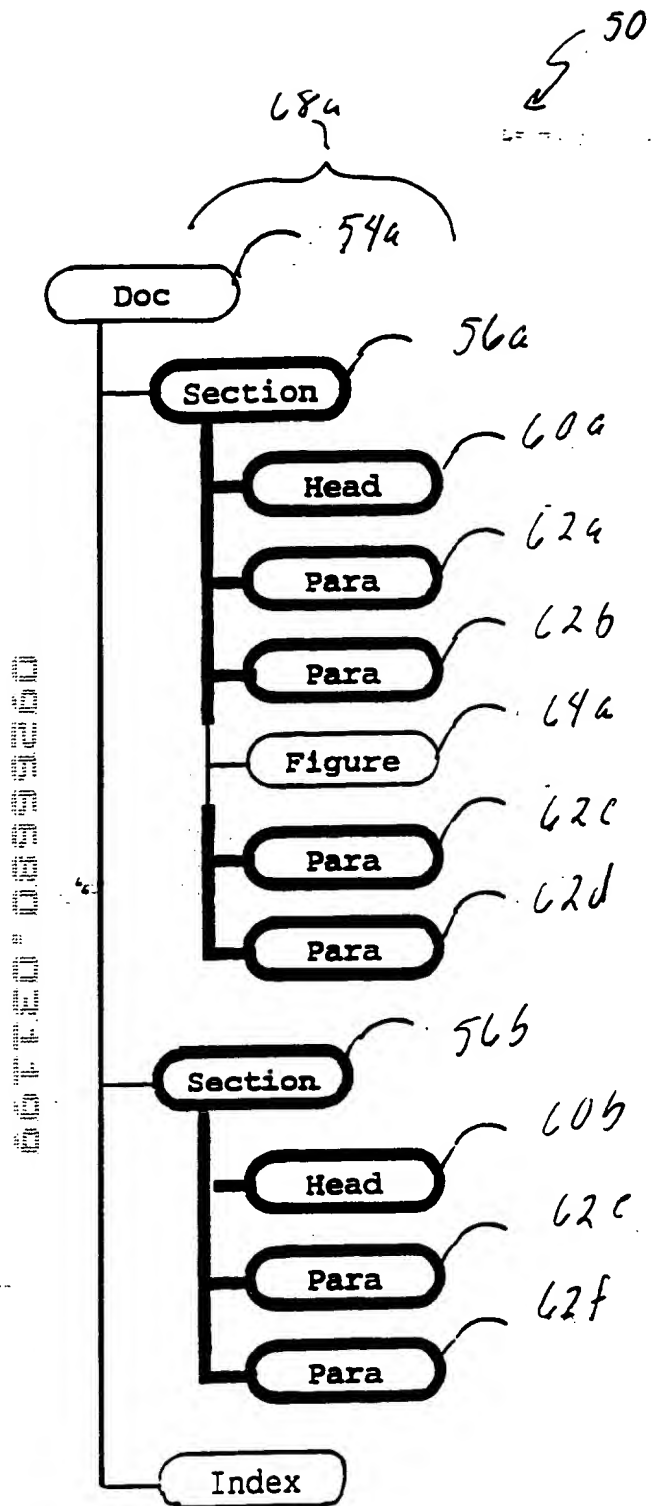


FIG. 4

Examine DTDs of first
and second documents to
identify common patterns

72

Map elements and sub-elements
of the first document to
equivalent elements and
sub-elements of the second
document

74

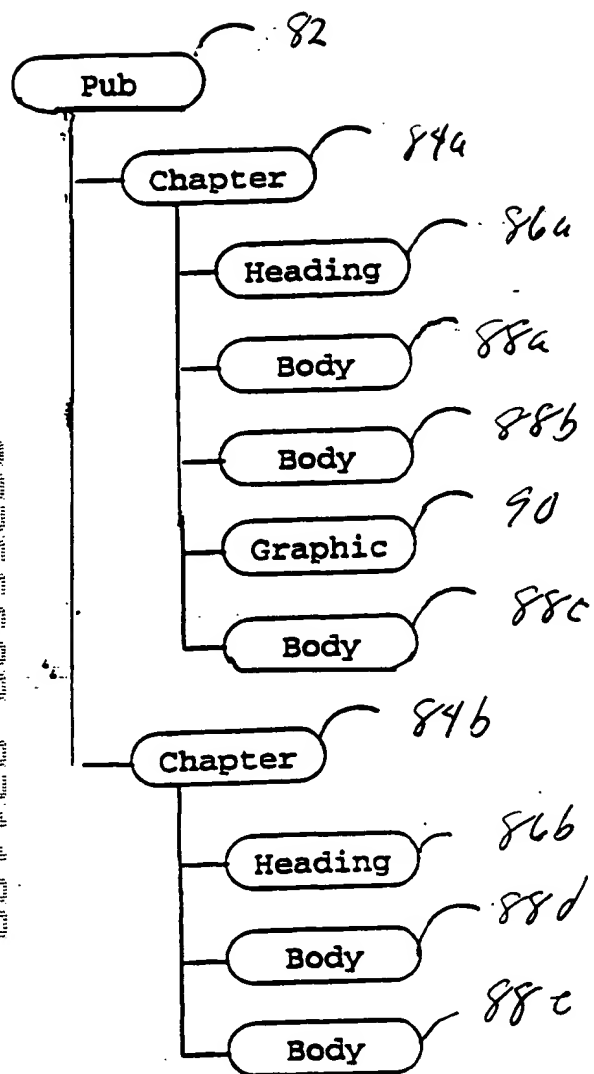
Recode tag names of elements
and sub-elements in the first
document to those of equivalent
elements and sub-elements of the
second document

76

70

FIG. 5

8:00



90

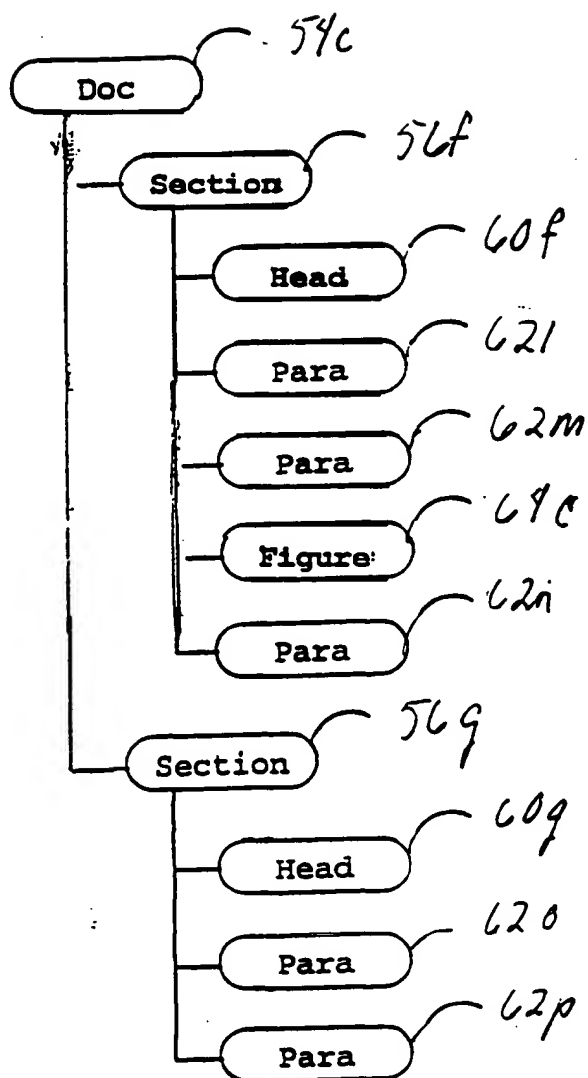


FIG. 8

